

Fig 1A

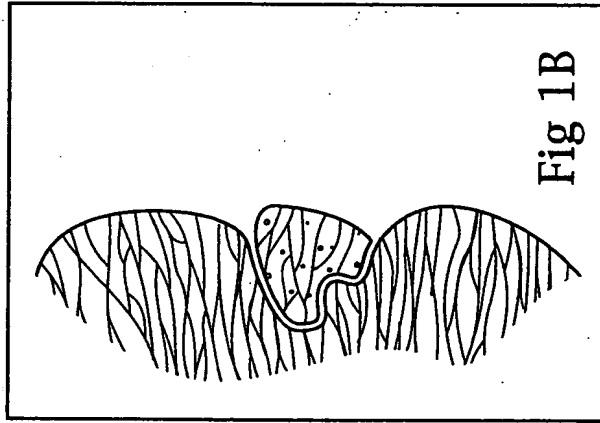


Fig 1B

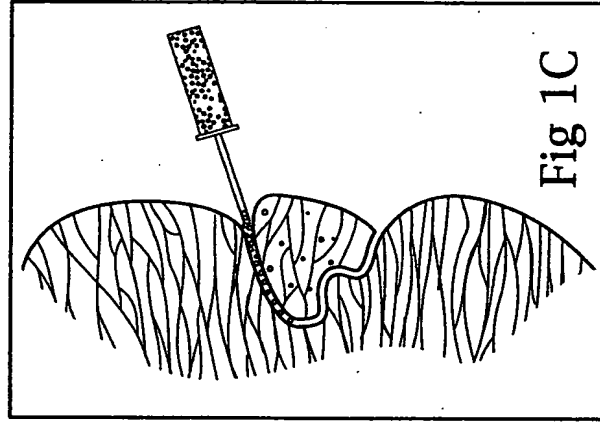


Fig 1C

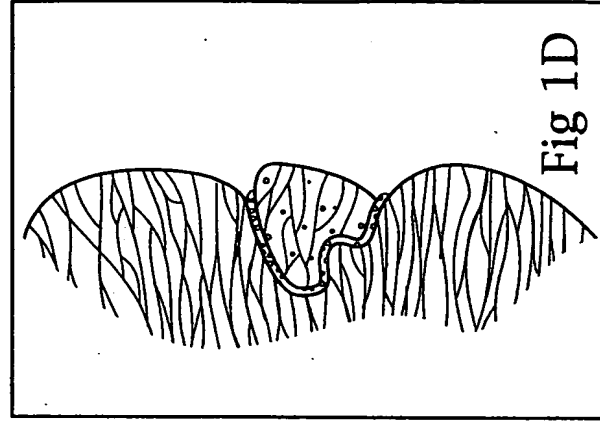


Fig 1D

A MOLDED AGGREGATION OF CELLS (CHONDROCYTES) ON MICRO CARRIER PARTICLES IS FORMED TO APPROXIMATE THE SIZE AND SHAPE OF THE CAVITY IN THE PATIENT'S BODY; E.G., IN THE HEAD AND NECK AREA.

THE MOLDED CELLS ARE IMPLANTED INTO THE BODY CAVITY.

ADDITIONAL CELLS ON THE MICRO-CARRIERS, WHILE IN A FLUID STATE, ARE INJECTED INTO THE REMAINDER OF THE BODY CAVITY.

FINISHED IMPLANT

Fig 2

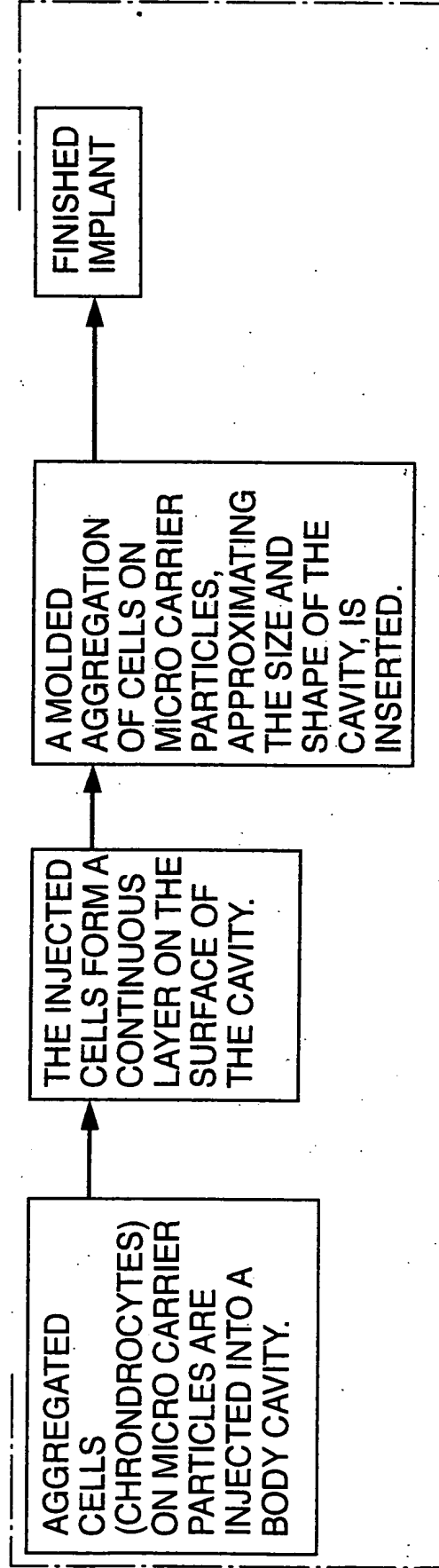
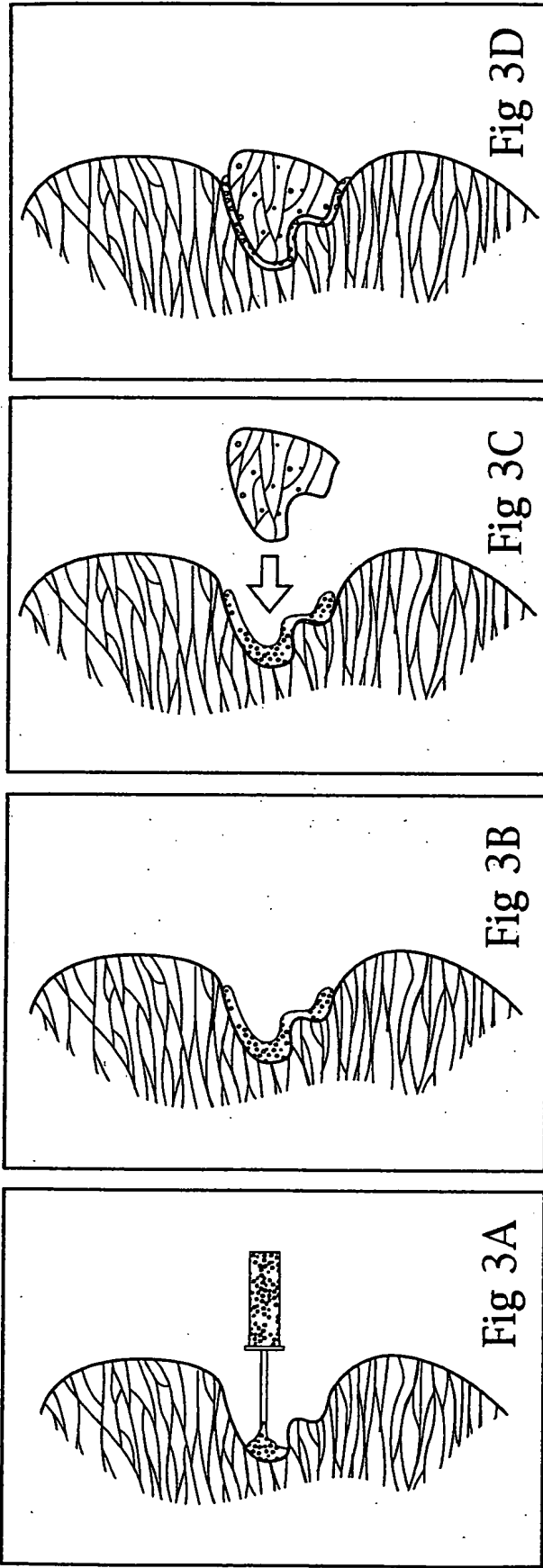
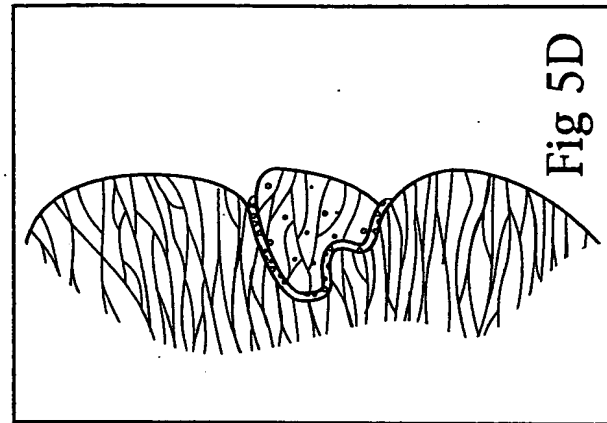
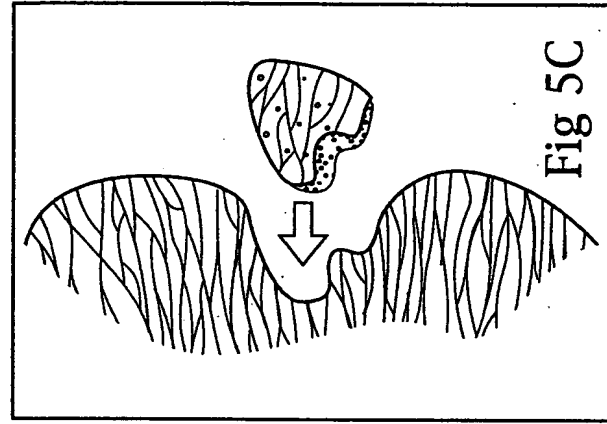
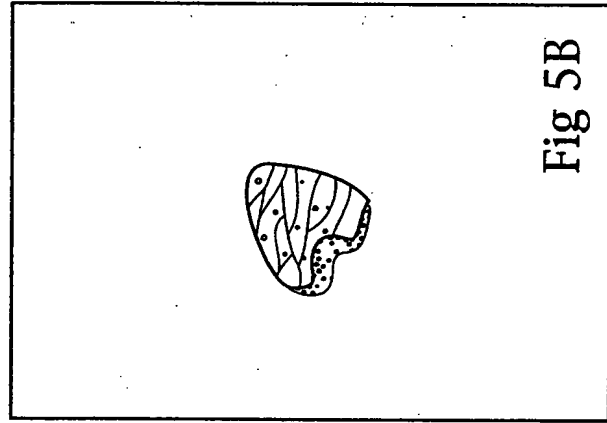
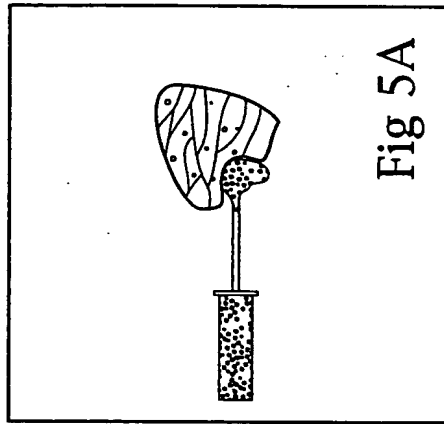


Fig 4



AGGREGATED CELLS (CHONDROCYTES) ON MICRO CARRIER PARTICLES WHILE IN A FLUID STATE ARE COATED ON A MOLDED OR FORMED AGGREGATION OF CELLS ON MICRO CARRIER PARTICLES WHICH APPROXIMATE THE SIZE OF THE BODY CAVITY.

THE COATED LAYER OF CELLS FORMS A CONTINUOUS COATING ON THE MOLDMENT.

THE COATED MOLDMENT IS IMPLANTED INTO THE BODY CAVITY.

FINISHED IMPLANT

Fig 6

**TWO-STEP IMPLANTATION PROCESS FOR
CARTILAGE REPAIR IN A PATIENT**

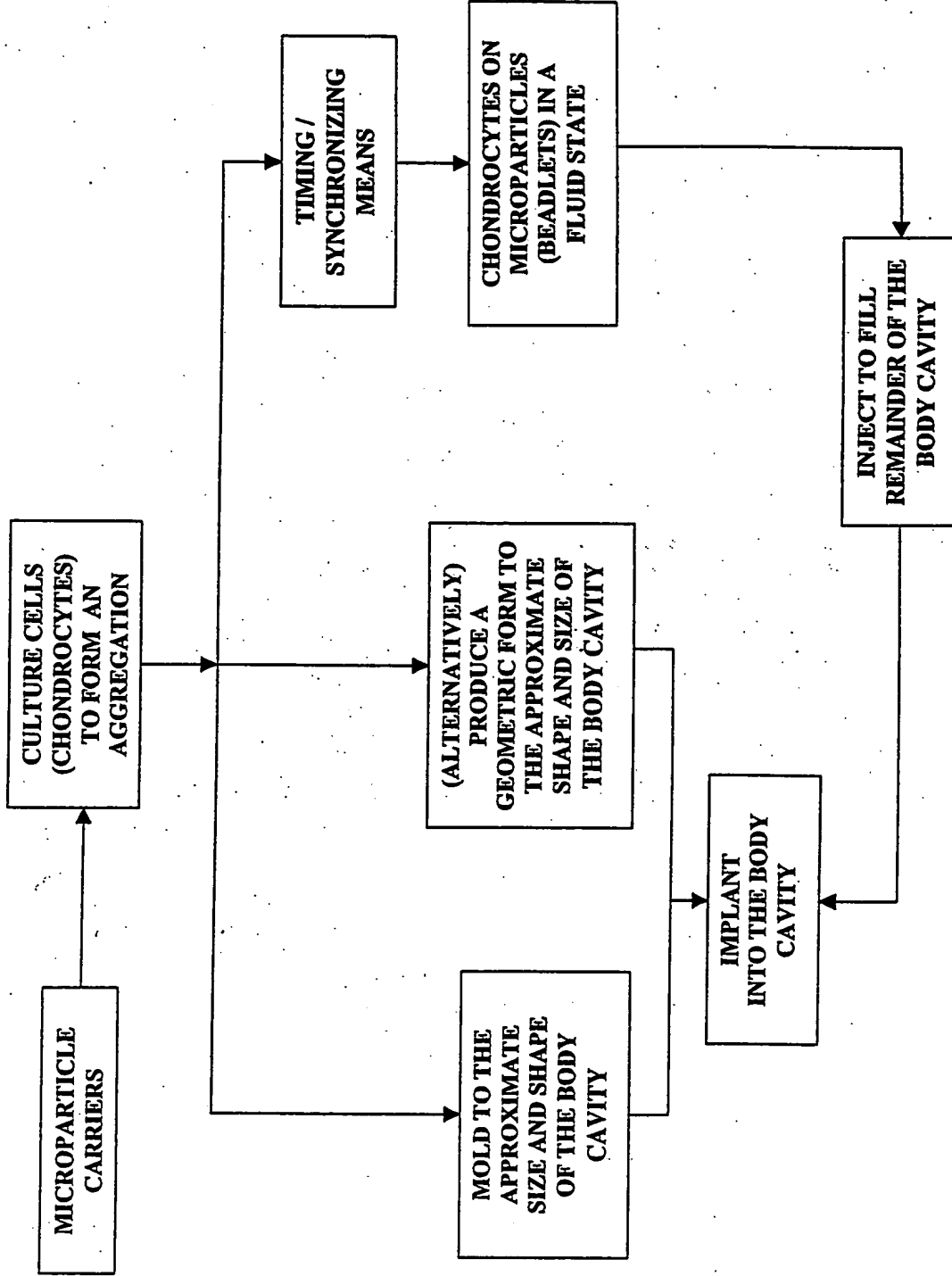


FIGURE 7